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# CATALOGUE OF THE PLANTS OF THE STATE OF ILLINOIS.

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During several journeys through the state of Illinois, at various times, since the year 1836, I have carefully noted her botanical productions, and hence am able to make a catalogue of the species growing within her boundaries. But the following enumeration embraces many species which I have admitted on the authority of others.

As early as 1794, Andre Michaux, a distinguished botanist of France, visited Illinois in search of plants, which were to be sent home to enrich the gardens and pleasure grounds of his own beautiful country. In 1803 was published, in Paris, his "Flora Boreali-Americana," the first general work on the botany of North America, in which a number of plants are set down as having been found "in regione Illinoensis," or "in vastissimus pratensibus Illinoensibus."


In 1826 Dr. Lewis C. Beck published his contributions towards the botany of Illinois and Missouri, in the 10th and 11th volumes (1st series) of Silliman's American Journal of Science and Arts. But most of the localities mentioned by Dr. Beck are in Missouri. In the same work, volume 46, for 1843, we find a catalogue of a collection of plants made in Illinois and Missouri, by Charles A. Geyer, with critical remarks, etc., by George Engelmann, M. D., of St. Louis. In this paper several new species are described, and quite a number added to the flora of the state.

Dr. C. W. Short, of Louisville, Ky., has published, in the Western



Journal of Medicine, for March, 1845, an account of his observations, (made in autumn) on the flora of the prairies of Illinois. He traversed the central portions of the state, and returned by a different route, which gave him an opportunity of seeing and examining the face of the country and its productions, under a great variety of aspects. Being an enthusiastic botanist, and traveling in a light covered wagon well prepared for making extensive collections, his observations are of great value, and add much to our knowledge of the peculiar vegetation of the central portions of the state. I cannot resist the temptation to copy a few of his very graphic descriptions:

"In a geographical point of view, the surface of Illinois may be very appropriately, as it is naturally, divided into three districts. First--the heavily timbered tracts which, for the most part, occupy the southern portion of the state, bordering on the Ohio river, and which, extending into the middle and northern portions, are found in detached bodies, surrounded by prairies, and in these situations are called 'groves.' These groves are, for the most part, contiguous to and often bounded by water courses, which have preserved them from the action of fire. Secondly--the open prairies of from one to twenty miles in diameter, entirely destitute of trees, and indeed of all other woody plants, except along the margin of water courses which occasionally pervade them. Thirdly--the 'barrens,' or tracts somewhat intermediate between the two former, being sparsely covered with oak trees of several different kinds, and of considerable size, with a dense undergrowth of various shrubs and annual plants. The third region bears a close relationship, both in appearance and productions, to the districts in Kentucky, which are called 'barrens'--tracts of country which seem to be in a state of transition from more open



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prairies to densely timbered forests. The vegetation of these three districts is, of course, essentially different; but apart from the presence of absence of trees, which constitute the grand feature of distinction, the annual and suffruticose plants are widely different, and indeed in many respects entirely dissimilar. Even the productions of the open prairies vary greatly as the surface of the prairie may be high, rolling, rich and dry, or low, flat, wet and clayey.

"On fairly entering the prairie region, and reaching the centre of one of these immense natural meadows, the view presented to the eye of a novice in such scenery is one of the most pleasing sort. But beautiful, imposing, and even grand, as is this spectacle, I must own that, in a botanical point of view, I was disappointed. The flora of the prairies--the theme of so much admiration to those who view them with an ordinary eye--does not, when closely examined by the botanist, present that deep interest and attraction which he has been led to expect. Its leading feature is rather the unbounded profusion with which a few species occur, in certain localities, than the mixed variety of different species occurring anywhere. Thus, from some elevated position in a large prairie, the eye takes in, at a glance, thousands of acres literally enshrouded with the flowering spikes of several species of liatris; in other situations, when a depressed or flattened surface and clayey soil favor the continuance of moisture, a few species of yellow-flowered coreopsis occur in such profuse abundance as to tinge the entire surface with a golden burnish. This peculiarity of an aggregation of individuals of one or more species to something like an exclusive monopoly of certain localities, obtains even in regard to those plants which are the rarest and least frequently met with; for whenever one specimen was found, there generally occurred many more in the same immediate neighborhood."



After enumerating the principal species of Gramineae, Fr. Short adds: "All these grasses, in their young and tender states, are eagerly devoured by cattle. As they become harder and less succulent by age the coarser are rejected, and the more tender are sought for. Among these, I believe, the vilfa is a general favorite, both for grazing and for hay. All of them, however, are cut promiscuously for this purpose, and when they occur, as frequently they do, in large natural meadows, occupying the ground to the almost entire exclusion of other vegetables, they yield a productive return to the labor of the mower; and when well cured make excellent hay. Our horses, which had never before been accustomed to any other than the cultivated grasses, ate this natural hay with great avidity. The quality of these grasses, both for pasture and mowing, is much improved by the burning of the prairies during the winter, which, destroying the dead and dry stems, affords a better and earlier bite in the spring, as well as a cleaner swath for the scythe; and by protecting certain portions of the prairie from the action of fire until the spring or early summer vegetation is then so much retarded by a late burn, as the settlers call it, as to afford good pasturage throughout the latter part of the season."

To Dr. S. B. Mead, of Augusta, Hancock county, I am indebted for a catalogue of plants growing in that vicinity, and also for very numerous specimens. He has probably devoted more time and labor to the examination of Illinois plants than any other botanist, and his collections now form part of most of the principal herbaria of the world.

To Dr. George Engelmann I am, also, much indebted for a list of the plants found in the southern part of the state, mostly opposite St. Louis. His accurate knowledge of the plants of this country is well known, and will give confidence to any statements that rest upon his authority.





In Wood's Class Book of Botany a number of species are credited to Illinois.

But in addition to all these sources of information, I have had an opportunity to examine the extensive collections of plants made by Mr. Robert Kennicott, Mr. Emile Claussen, and others, and exhibited at the state fair held at Chicago, in 1855. This collection besides adding quite a number to the species before known as belonging to the state, was of material aid in showing their distribution. ✓

It will be readily understood, therefore, that the following is a pretty full list of the plants growing naturally within the state of Illinois. Further researches will undoubtedly reveal some new treasures; but compared with the whole, their number will be small. ✓

A glance at the geographical position of Illinois, with a knowledge of her principal topographical features, will prepare us to look for a rich flora. Bordering on the great lakes; bounded on her whole western side by the great Mississippi river; with the valley of the Wabash on the east, and of the Ohio on the south, she is almost entirely surrounded by water. The southern extreme of the state lies in latitude 37 deg., or nearly as far south as the lower part of Kentucky and Virginia, and has an elevation of only two hundred and seventy five feet at low water, at Cairo, above the ocean level. Here are found quite a number of plants that do not extend into the central and northern portions of the state. These are distinguished in the following catalogue by the letter S. The north line of the state is in latitude 43 deg. 30 min., and partakes in a considerable degree of the character of the south part of the adjoining state of Wisconsin. The plants in the following list found here, and which do not extend into the central and southern parts of the state, are distinguished by the letter N.

The central portions of the state lie on a nearly uniform plain, whose average elevation is considerably below the level of Lake



Michigan, (578 feet above the ocean) and constitute the great prairie districts. These are rapidly being subdued and converted into "improved lands," from which almost every trace of the original vegetation is destroyed. The time will soon come when many of the species here enumerated will exist no longer in Illinois. Already the number of "introduced" species (mostly vile weeds) is very considerable.

Mere catalogues of the plants growing in any locality might, without a little reflection, be supposed to possess but little value; a supposition which would be far from the truth. The intelligent farmer looks at once to the native vegetation as a sure indication of the value of new lands. The kinds of timber growing in a given locality will decide the qualities of the soil for agricultural purposes. The farmer will be interested to find how few of the plants he so assiduously cultivates are indigenous to the soil. The physician will see which of the plants having medicinal value may be gathered in his neighborhood; and may thus in cases of sudden emergency, when no time is allowed to send to a distant apothecary, be enabled to effect important cures. The cabinetmaker, the wheelwright and all other workers in wood will find what materials are at hand to answer their purposes. The horticulturist will look over the list with deep interest to find what flowers and shrubs may be obtained at home, and thus save the trouble and expense of purchasing and transporting from the east (perhaps covered with noxious insects,) the very plants he could have found near his own door.

Such lists are also useful, in a scientific point of view, as showing the geographical limits of species, and their diffusion, whether general or confined to limited districts. May very useful as well as highly interesting results are obtained by comparing

different catalogues and by the study of the statistics of different floras.





It will be seen by this enumeration that there are over seventy species in Illinois that attain the height and dignity of forest trees, including twelve or thirteen species of oak. The rich bottom lands along the margins of the Mississippi, the Ohio, and the Wabash, afford specimens of the noblest and most gigantic trees of the great valley of the west. It was here that Michaux became so deeply impressed with the grandeur and magnificence of the forests of the new world. "The difficulties, privations and dangers, to which he was exposed, at that early day, in these unsettled wilds, may be easily imagined; but we can readily conceive that these were more than balanced in his mind by the delights which he experienced in traversing a hitherto untrodden region, through which, in reference to the lights of science, and the labors of civilization, it may truly be said:

He bent his way where twilight reigns sublime  
O'er forests silent since the birth of time!\*

The "Sylva Americana" of his son remains to this day the only standard work on the Forest Trees of the United States.

\* Dr. C. W. Short on the Progress of Western Botany, p. 7.

List of the Natural Orders of Illinois Plants, with the number of indigenous and introduced species; and the whole number of species native of the northern United States, (including Kentucky and Virginia) from Dr. A. Gray's Manual, 2d Edition.

Orders	Illinois Plants			Indigenous in Northern U. S.
	: Indig.	: Intro.	: Total	
Rununculaceae	30		30	49
Magnoliaceae	2		2	6
Anonaceae	1		1	1
Menispermaceae	2		2	3
Berberidaceae	2		2	5
Nelumbiaceae	1		1	1
Cabombaceae	1		1	1
Nymphaeaceae	2		2	2
Papaveraceae	2		2	2





## Continued

Y	Illinois Plants				Indigenous in Northern U. S.
	Orders	: Indig.	: Intro.	: Total	
Fumariaceae	2		1	3	6
Cruciferae	18		4	22	46
Caparidaceae	1		1	2	1
Violaceae	7		1	8	18
Cistaceae	3			3	7
Parnassiaceae	2			2	3
Hypericaceae	9			9	18
Caryophyllaceae	10		2	12	30
Portulaccaceae	1		1	2	4
Malvaceae	4		3	7	9
Tiliaceae	1			1	2
Linaceae	2			2	2
Oxalidaceae	2			2	3
Geraniaceae	2			2	3
Balsaminaceae	2			2	2
Rutaceae	2			2	3
Anacardiaceae	5			5	6
Vitaceae	4			4	7
Rhamnaceae	2			2	6
Celastraceae	4			4	4
Sapindaceae	8			8	10
Polygalaceae	6			6	13
Leguminosae	49		3	52	91
Rosaceae	32			32	71
Melastomaceae	1			1	3
Lythraceae	5			5	7
Onagraceae	13			13	36
Loasaceae	1			1	1
Cactaceae	1			1	1
Grossulaceae	2			2	7
Passifloraceae	1			1	2
Cucurbitaceae	2			2	2
Crasulaceae	2			2	5
Saxifragaceae	3			3	22
Hamamelaceae	1			1	3
Umbelliferae	19		2	21	37
Araliaceae	3			3	6
Cornaceae	6			6	11
Caprifoliaceae	11			11	27
Rubiaceae	13			13	222
Compositae	116		7	173	273
Lobeliaceae	5			5	12
Campanulaceae	4			4	5
Ericaceae	3			3	62
Aquifoliaceae	2			2	10
Ebenaceae	1			1	1
Sapotaceae	1			1	1
Plantaginaceae	5		1	6	6
Primulaceae	7			7	16
Lentibulaceae	2			2	12
Bignoniaceae	2		2	4	2
Orobanchaceae	2			2	5



Orders	Illinois Plants			Indigenous in Northern U. S.
	: Indig.	: Intro.	: Total	
Scrophulariaceae	30	4	34	54
Acanthaceae	3		3	3
Verbenaceae	6	2	8	7
Labiataeae	28	7	35	49
Boraginaceae	14	2	16	16
Hydrophyllaceae	5		5	11
Polemoniaceae	6		6	12
Convolvulaceae	11	1	12	15
Solanaceae	6	4	10	4
Gentianaceae	9		9	24
Apocinaceae	3		3	4
Asclepiadaceae	14		14	21
Oleaceae	3		3	9
Aristolochiaceae	3		3	6
Nyctaginaceae	1		1	1
Phytolaceaceae	1		1	1
Chenopodiaceae	2	6	8	10
Amarantaceae	2	4	7	5
Polygonaceae	17	3	20	22
Lauraceae	2		2	5
Santalaceae	1		1	3
Loranthaceae	1		1	1
Saururaceae	1		1	1
Ceratophyllaceae	1		1	1
Euphorbiaceae	17		17	28
Urticaceae	12	2	14	15
Platanaceae	1		1	1
Juglandaceae	8		8	9
Cupulifereae	17		17	25
Betulaceae	1		1	10
Salicaceae	9		9	24
Coniferae	3		3	20
Araceae	3		3	7
Typhaceae	3		3	7
Lemnaceae	3		3	5
Naidaceae	6		6	16
Alismaceae	7		7	12
Hydrocardiaceae	2		2	3
Orchidaceae	17		17	51
Amaryllidaceae	2		2	4
Iridaceae	2		2	6
Dioscoriaceae	1		1	1
Smilaceae	8		8	18
Liliaceae	13	1	14	24
Melanthaceae	4		4	21





## Continued

Orders	Illinois Plants			Indigenous in Northern U. S.
	: Indig.	: Intro.	: Total	
Juncaceae	6		6	26
Pontederiaceae	3		3	4
Commelynaceae	5		5	6
Cyperaceae	97		97	213
Gramineae	102	12	114	162
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Total Phaenogamous	1029	75	1104	2036
Equisetaceae	4		4	10
Filices	19		19	49
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Total	1052	75	1127	2095

List of the principal Natural Orders, arranged according to the number of Indigenous orders in

Illinois		Northern U. S.	
Compositae	166	Compositae	273
Gramineae	102	Cyperaceae	213
Cyperaceae	97	Gramineae	162
Leguminosae	49	Leguminosae	91
Rosaceae	32	Rosaceae	71
Scrophularinaceae	30	Ericaceae	62
Ranunculaceae	30	Scrophularinaceae	54
Labiatae	28	Orchidaceae	51
Umbelliferae	19	Ranunculaceae	49
Cruciferae	18	Labiatae	49
Orchidaceae	17	Cruciferae	46
Polygalaceae	17	Umbelliferae	37
Euphorbiaceae	17	Onagraceae	36
Cupuliferae	17	Caryophyllaceae	30

From these tables it will be seen that there are, in Illinois, one hundred and sixty-six species of compositae, or compound flowering plants; one hundred and two of Gramineae, or true grasses; and forty-nine of Leguminosae, or plants of the pea family. The whole number of



species--one thousand and fifty-two--is almost exactly half the number found to be native of the Northern United States; and the same remark holds good when we compare the numbers of each of the great classes of plants. It will be seen, too, that there are in Illinois, more true grasses than Cyperaceae; while in the whole Northern United States the reverse is true, and that the species are more concentrated into the larger orders. The large orders, Compositae, Graminae, Leguminosae, Scrophularinaceae, Ranunculaceae, Labiateae and Umbelliferae contain, respectively, more than half the species of the Northern United States while only Cyperaceae and Rosaceae, among the larger orders, contain less. ✓

Of one hundred and thirty-two orders, found native in the Northern United States, one hundred and eleven are represented in Illinois.

Ranunculaceae  
The Crow-Foot Family

- Clematis, Linnaeus. Virgin's Bower.  
     viorna, Linn. Leather Flower  
     Pitcherii, Torr. & Gray.  
     Virginiana, Linn. Common Virgin's Bower.  
 Pulsatilla, Tournefort. Pasque Flower.  
     Nuttalliniana, A. Gray. (Anemone patens, Hook.)  
 Anemone, Linnaeus. Wind Flower  
     Caroliniana, Waltr. S.  
     cylindrica, A. Gray  
     Virginiana, Linn.  
     Pennsylvanica, Linn.  
     nemorosa, Linn. Low-anemone.



- Hepatica*, Dillenius. Liver-leaf  
*triloba*, Chaix.
- Thalictrum*, Tournefort. Meadow rue.  
*anemonoides*, Mich.  
*cornuti*, Linn.
- Trautvetteria*, Fischer & Meyer. False Bug-bane.  
*Palmata*, F. & M. (*Cimicifuga palmata* Michx.)
- Ranunculus*, Linnaeus. Crow-foot. Butter-cup.  
*aquatilis*, Linn. White Water-Crowfoot.  
*Purshii*, Richards. Yellow Water-Crowfoot.  
*flammula*, Linn.  
*cymbalaria*, Ph. N.  
*abortivus*, Linn.  
*micranthus*, Nutt.  
*recurvatus*, Poir  
*fascicularis*, Muhl.  
*repens*, Linn. Creeping Crowfoot.
- Myosurus*, Dillenius Mouse-tail.  
*minimus*, Linn. S.
- Isopyrum*. Linnaeus.  
*Baternatum*, Torr. & Gray.
- Caltha*, Linnaeus. Marsh Marigold.  
*palustris*, Linn.
- Aquilegia*, Tornefort. Columbine  
*Canadensis*, Linn. Wild Columbine
- Delphinium*, Linnaeus. Larkspur  
*tricorne* Michx.  
*azureum*, Michx.
- Hydrastis*. Linnaeus. Orange-root  
*Canadensis*, Linn.





Actaea, Linnaeus. Cohosh.

spicata, Linn, (var. alba.) White cohosh.

# MAGNOLIACEAE. The Magnolia Family

Magnolia, Linnaeus.

umbrella, Lam. Umbrella tree. Cucumber tree. S.

Liriodendron, Linnaeus. Tulip-tree.

tulipifera, Linn. S.

# ANONACEAE, The Custard-Apple Family

Asimina, Adanson. Papaw.

triloba, Dunal

# MENISPERMACEAE. The Moonseed Family

Cocculus, De Candolle

Carolinus, De C. S.

Menispermum, Linnaeus. Moonseed.

Canadense, Linn. (Called "Sarsaparilla.")

# BERBERIDACEAE. The Barberry Family

Caulophyllum, Michaux.

, thalictroides, Michx. Blue cohosh. Pappoose-root

Podophyllum, Linnaeus.

Petatum, Linn. May Apple.

# NELUMBLACEAE The Nelumbo Family

Nelumbium, Jessieu.

luteum, Willd. Sacred bean.

# CABOMBACEAE. The Water-Shield Family

Brasenia, Schreber. (Hydropeltis, Michx.)

Petata, Pursh.

# NYMPHAEACEAE. The Water-Lily Family



Nymphaea, Tournefort.

odorata, Ait. White Water-lily.

Nuphar, Smith

advena, Ait. Yellow Water-lily.

#### PAPAVERACEAE. The Poppy Family

Stylophorum, Nuttall. Celendine.

diphyllum, Nutt. (Maconopsis, De C.) S.

Sanguinaria, Dillenius. Blood-root.

Canadensis, Linn.

#### FUMARIACEAE. The Fumatory Family

Dicentra, Borkhausen.

cucullaria, De C. Dutchman's Breeches

Corydallis, Ventenat.

aurea, Willd.

Fumaria, Linnaeus. Fumatory.

officinalis, Linn. Introduced.

#### CRUCIFERAE. The Mustard Family

Nasturtium, Robert Brown. Water-cress.

Palustre, De C.

lacustre, A. Gray.

Iodanthus, Torrey and Gray. False Rocket.

hesperidoides, T. and Gray. (Hesperis pinnatifida, Michx.)

Dentaria, Linnaeus. Toothwort.

laciniata, Muhl..

Cardamine, Linnaeus. Bitter-cress.

rhomboidea, De C. Spring-cress.

hirsuta, Linn.

Arabis, Linnaeus. Rock cress.

Ludoviciana, Meyer.





lyrata, Lynn. N.

dentata, Torr. & Gray

laevigata, De C.

Canadensis, Linn. Sickle-pod.

Erysimum, Linnaeus. Treacle Mustard.

cheiranthoides, Linn.

Arkansanum, Nutt.

Sisymbrium, Linnaeus. Hedge Mustard.

Officinale, Scop. Introduced

canescens, Nutt.

Sinapis, Tournefort. Mustard.

arvensis, Linn. Field Mustard. Introduced.

nigra, Linn. Black Mustard. Introduced.

Draba, Linnaeus. Whitlow Grass.

brachycarpa, Nutt.

cuneifolia, Nutt.

Caroliniana, Waltr.

Lepidium, Linnaeus. Pepper Grass.

Virginicum, Linn. Wild Pepper Grass.

Capsella, Ventenat. Shephard's Purse.

bursa pastoris, Moench. Introduced.

#### CAPPARIDACEAE The Caper Family

Synandropsis, De Candolle.

pentaphylla, De C. Introduced. S.

Polansia, Rafinesque.

graveolens, Raf.

#### Violaceae The Violet Family

Viola, Linnaeus. Violet.

cucullata, Ait. Blue Violet



palmata, Linn.

sagittata, Ait.

delphinifolia, Nutt.

Pedata, Linn.

striata, Ait.

p pubescens, Ait. Yellow Violet.

tricolor, Linn. Pansy. Introduced.

#### CISTACEAE. The Rock Rose Family

Helianthemum, Tournefort, Rock Rose.

Canadense, Michx.

Lechea, Linnaeus. Pin Weed.

major, Michx.

minor, Lam.

#### PARNASSIACEAE. The Parnassia Family

Parnassia, Tournefort.

palustris, Linn.

Caroliniana, Michx.

#### HYPERICACEAE. The St. Johns-wort Family

Hypericum, Linnaeus. St. Johnson-wort

pyramidatum, Ait.

proliferum, Linn.

corymbosum, Muhl.

sphaerocarpon, Michx.

mutilum, Linn.

Canadense, Linn.

Drummondii, Torr. and Gray. S.

sarothra, Michx. S.

Elodea, Pursh.

Virginica, Nutt.



## CARYOPHYLLACEAE    The Pink Family

## 1. Sileneae

Saponaria, Linnaeus.      Soapwort.

officinalis, Linn.      Bouncing Bet.      Introduced.

Silene, Linnaeus.      Catchfly.

stellata, Ait.      Starry Campion.

nivea, De C.

Virginica, Linn.    S.

regia, Sims.

antirrhina, Linn.

Agrostemma, Linnaeus.      Cockle

githago, Linn.      Introduced.

## 2. Alsineae

Moehringia, Linnaeus.

lateriflora, Linn.    (Arenaria lateriflora, Linn.)

Stellaria, Linnaeus.      Chickweed.

longifolia, Muhl.

Cerastium, Linnaeus.

nutans, Raf.

## 3. Illecibreae

Anychia, Michaux.

dichotoma, Michx.

## 4. Mollugineae

Mollugo, Linnaeus,      Carpet Weed.

## PORTULACACEAE    The Purslane Family

Portulacaceae, Tournefort.      Purslane

oleracea, Linn.      Introduced.

Claytonia, Linnaeus.

Virginica, Linn.      Spring Beauty.





## MALVACEAE. The Mallow Family

Malva, Linnaeus. Mallow.

rotundifolia, Linn. Introduced.

Callirrhoe, Nuttall.

triangulata, A. Gray. (Malva Houghtonii, T. & Gray.)

Napaea, Clayton.

dioica, Linn. (Sida dioica, Cav.)

Sida, Linnaeus.

spinosa, Linn. Introduced. S.

Abutilon, Tournefort.

Avicennae, Gaertn. Introduced S.

Hibiscus, Linnaeus.

moscheutos, Linn. Swamp Mallows S.

militaris, Cav.

## TILIACEAE. The Linden Family

Tilia, Linnaeus, Linden.

Americana, Linn. Basswood.

## Linaceae. The Flax Family

Linum, Linnaeus. Flax.

Virginianum, Linn. Wild Flax.

Boottii, Planchon. (L. rigida, Tor. and Gray.)

## OXALIDACEAE. The Wood Sorrel Family

Oxalis, Linnaeus. Wood Sorrel

violacea, Linn.

stricta, Linn. Sheep's Sorrel.

## GERANIACEAE The Geranium Family

Geranium, Linnaeus.

maculatum, Linn.

Carolinianum, Linn.

## BALSAMINACEAE. The Balsam Family



*Impatiens*, Linnaeus. Jewel Weed.

*pallida*, Nutt.

*fulva*, Nutt.

#### RUTACEAE The Rue Family

*Zanthoxylum*, Colden.

*Americanum*, Mill. Prickly Ash.

*Ptelea*, Linnaeus.

*trifoliata*, Linn. Hop tree

#### ANACARDIACEAE The Sumach Family

*Rhus*, Linnaeus. Sumach.

*Typhina*, Linn. Stag-horn Sumach

*glabra*, Linn. Smooth Sumach.

*copallina*, Linn. Dwarf Sumach.

*toxicodendron* Linn. Poison Ivy

*aromatica*, Ait. Fragrant Sumach.

#### Vitaceae. The Vine Family

*Vitis*, Tournefort Grape

*aestivalis*, Michx. Summer Grape

*cordifolia*, Michx. Frost Grape

*riparia*, Michx. Winter Grape

*Ampelopsis*, Michaux.

*quinquefolia*, Michx. Virginia Creeper.

#### RHAMNACEAE The Buckthorn Family

*Rhamnus*, Tournefort. Buckthorn

*lanceolatus*, Pursh.

*Ceanothus*, Linnaeus.

*Americanus*, Linn. New Jersey Tea.

#### CELASTRACEAE The Spindle Tree Family

*Celastrus*, Linnaeus.



scandens, Linn. Bittersweet.

Euonymus, Tournefort. Spindle tree

atropurpureus, Jacq. Waahoo.

Americanus, Linn. Strawberry-tree

obovatus, Nutt. Trailing Euonymus

## SAPINDACEAE The Soapberry Family

### 1. Staphyleaceae

Staphylea, Linnaeus.

trifolia, Linn. Bladder Nut.

### 2. Sapindaceae. (Proper.)

Cardiospermum, Linnaeus

halicacabum, Linn. Kaskaskia, Michaux.

Aesculus, Linnaeus, Horse Chestnut.

glabra, Willd. Buckeye.

flava, Ait. Smooth-fruited Buckeye.

### 3. Acerineae

Acer, Tournefort. Maple.

saccharinum, Wang. Sugar Maple.

dasycarpum, Ehrhart. Silver Maple.

rubrum, Linn. Red Maple.

Negundo, Moench. Box Elder.

aceroides, Moench. (Acer negundo, Linn.)

## POLYGALACEAE The Milkwort Family

Polygala, Tournefort. Milkwort

incarnata, Linn.

sanguinea, Linn. (P. Purpurea, Nutt.)

verticillata, Linn.

ambigua, Nutt.

Senega, Linn. Seneca Snake-root N.

polygama, Waltr.





## LEGUMINOSEAE      The Pea Family

Crotalaria, Linnaeus

sagittalis, Linn.      Rattle Box.      S.

Trifolium, Linnaeus.      Clover

pratense, Linn.      Red Clover.      Introduced

stoloniferum, Muhl.      Running Buffalo Clover.

repens, Linn.      White Clover.      Introduced

procumbens, Linn.      Low Hop Clover.      Introduced.

Psoralea, Linnaeus.

onobrychis, Nutt.

melilotoides, Michx.

floribunda, Nutt.      N.

Dalea, Linnaeus.

alopecuroides, Willd.

Petalostemon, Michaux

violaceum, Michx.

candidum, Michx.

Amorpha, Linnaeus

fruticosa, Linn.

canescens, Nutt.      Lead Plant.

Robinia, Linnaeus.

Pseudacacia, Linn.      Locust.      S.

Westaria, Nuttall.

Frutescens, De C.      S.

Tephrosia, Persoon.      Hoary Pea.

Virginiana, Pers.

Astragalus, Linnaeus.      Milk vetch.

Mexicanus, A. De C. (A. trichocalyx, Nutt.) S.

Canadensis, Linn.

distortus, Torr and Gray.



Desmodium, De Candolle.      Tick Trefoil.

Nudiflorum, De C.

acuminatum, De C.

pauciflorum, De C.

canescens, De C.

cuspidatum, T. and G.

viridiflorum, Beck.

Dillenii, Darlington S.

peniculatum, De C.      S.

Canadense, De C.

sessilifolium, Torr, and Gray

rigidum, De C.

Lespedeza, Michaux.      Bush Clover.

procumbens, Michx.

repens, T. and G.

violaceum, Pers.

capitatum, Michx.

Lathyrus, Linnaeus

venosus, Muhl.

Phaseolus, Linnaeus.

perennis, Waltr.      Wild Bean.

diversifolius, Pers.

helvolus, Linn.

pauciflorus, Benth. (P. leiospermus, T. and G.)

Apios, Boerhaave

tuberosa, Moench.

Amphicarpaea, Elliott.

monoica, Nutt.      Wild Bean.

Clitoria, Linnaeus.



Mariana, Linn.

Baptisia, Ventenat. False Indigo

leucantha, T. and G.

leucophaea, Nutt.

Cercis, Linnaeus, Judas Tree.

Canadensis, Linn. Red bud.

Cassia, Linnaeus.

Marilandica, Linn.

chamaecrista, Linn.

nictitans, Linn. Willd sensitive plant.

Gymnocladus, Lamarck.

Canadensis, Lam. Kentucky Coffee Tree. S.

Gleditschia, Linnaeus. Honey Locust.

triacanthus, Linn.

monospermum, Waltr. One seeded Honey Locust. S.

Desmanthus, Willdenow.

brachylobus, Benth. (Darligtonia, T. and G.)

ROSACEAE The Rose Family

Prunus, Linnaeus. Plum.

Americana, Marshall. Wild Plum.

chicasa, Michx. Chickasaw Plum.

Cerasus, Tournefort. Cherry.

Virginiana, De C. Choke Cherry

scrotina, De C. Wild Black Cherry.

Spiraea, Linnaeus.

opulifolia, Linn. Nine Bark.

salicifolia, Linn. Meadow Sweet

tomentosa, Linn. Hard Hack.

lobata, Murr.

aruncus, Linn. Goat's Beard S.





Gillenia, Moench.

stipulacea, Nutt. American Ipecac S.

Agrimonia, Tournefort

Eupatoria, Linn.

parviflora, Ait.

Sanguisorbia, Linnaeus. Burnet.

Canadensis, Linn.

Geum, Linnaeus. Avens.

Virginianum, Linn.

vernum, T. and G.

Potentilla, Linnaeus. Five-finger.

Norvegica, Linn.

paradoxa, Nutt.

Canadensis, Linn. Five-finger

arguta, Pursh

fruticosa

Fragaria, Tournefort Strawberry

Virginiana, Ehrh. Wild Strawberry

Rubus, Linnaeus. Bramble

occidentalis, Linn. Black Raspberry

villosus, Ait. Blackberry

Canadensis, Linn. Low Black Berry

trivalis, Michx.

Rosa, Tournefort. Rose.

setigera, Michx. Climbing Rose

Carolina, Linn. Swamp Rose

lucida, Ehrh. Wild Rose.

Crataegus, Linnaeus. Hawthorn

coccinea, Linn. Scarlet-fruited Thorn.

*Cuscuta* Linn. *Cockspur Thorn*



*Pyrus*, Linnaeus. Apple

*coronaria*, Linn. Crab Apple

*Amelanchier*, Medikus

*Canadensis*, T. & G. June-berry

MELASTOMACEAE The Melastoma Family

*Rhexia*, Linnaeus. Deer Grass

*Virginica*, Linn.

LYTHRACEAE. The Loosestrife Family

*Hypobrichia*, Curtis

*Nuttallii*, Torr. and Gray

*Ammannia*, Houston

*humilis*, Michx.

*latifolia*, Linn.

*Lytrum*, Linnaeus, Loosestrife

*alatum*, Pursh

*Cuphea*, Jacquin

*viscosissima* Jacq.

ONAGRACEAE The Evening Primrose Family

*Epilobium*, Linnaeus. Willow Herb.

*palustre*, Linn. N.

*coloratum*, Muhl.

*Oenothera*, Linnaeus. Evening Primrose

*biennis*, Linn

*sinnata*, Linn.

*fruticosa*, Linn.

*Gaura*, Linn,

*biennis*, Linn. S.

*Jusslea*, Linnaeus.

*repens*, Linn. S.



Ludwigia, Linnaeus

alternata, Linn. Seedbox

polycarpa, Short & Peter

Circea, Tournefort. Enchanter's Nightshade

Lutetiana, Linn.

Proserpinaca, Linnaeus.

palustris, Linn.

Myriophyllum, Vaillant. Water Milfoil.

heterophyllum, Michx.

LOASACEAE The Loasa Family

Mentzelia, Plumier. (Bartonia, Nuttall.)

oligosperma, Nutt.

Cactaceae. The Cactus Family

Opuntia, Tournefort.

vulgaris, Mill.

GROSSULACEAE The Gooseberry Family

Ribes, Linnaeus.

rotundifolium, Michx. Swamp Gooseberry

floridum, Linn. Wild Black Currant.

PASSIFLORACEAE The Passion Flower Family

Passiflora, Linnaeus. Passion Flower.

lutea, Linn. S.

CUCURBITACEAE. The Cucumber Family

Sicyos, Linnaeus.

angulatus, Linn.

Echinocystis, Torrey and Gray

lobata, Torrey and Gray

Crassulaceae The House Leak Family

Sedum, Linnaeus. Stone crop





ternatum, Michx.

Penthorium, Gronovius

sedoides, Linn.

# SAXIFRAGACEAE      The Saxifrage Family

Heuchera, Linnaeus.      Alum root

Americana, Linn.

hispida, Pursh      (H. Richardsonii, R. Brown.)

Hydrangea, Gronovius

arborescens, Linn.      Wild Hydrangea

# HAMAMELACEAE      The Witch Hazel Family

Liquidamber, Linnaeus.

styraciflua, Linn.      Sweet Gum S.

# Umbelliferae      The Umbel-bearing Family

Hydrocotyle, Tournefort

Americana, Linn

Sanicula, Tournefort

Marylandica, Linn.      Sanicle

Eryngium, Tournefort.      Rattle snake Master

yuccaefolium, Michx.      (L. aquaticum, Linn.)

Polytaenia, De Candolle

Nuttallii, De C.

Heracleum, Linnaeus.

lanatum, Michx.      Cow Parsnip. N.

Pastinaca, Tournefort

sativa, Linn.      Wild Parsnip.      Introduced

Archemora, De Candolle

rigida, Del Cowbane

Archangelica, Hoffmann

hirsuta, T. and G.



Thaspium, Nuttall

barbinode, Nutt. S.

aureum, Nutt. (Zizia aurea, Kich.)

trifoliatum, Gray. (Zizia cordata, Koch.)

Zizia, Koch.

integerrima, De C. Alexanders.

Bupleurum, Tournefort. Thorough wax.

rotundifolium, Linn. Introduced.

Cicuta, Linnaeus. Water Hemlock

maculata, Linn. (The root a deadly poison.)

bulbifera, Linn.

Sium, Linnaeus. Water Parsnip.

lineare, Michx. (near S. latifolium, of Europe.)

Cryptotaenia, De Candolle. Honewort.

Canadense, De C.

Chaerophyllum, Linnaeus. Chervil.

procumbens. Lam.

Osmorrhiza, Rafinesque. Sweet Cicely

longistylis, De C.

brevistylis, De C.

Erigenia, Nuttall.

bulbosa, Nutt.

## ARALIACEAE

## The Ginseng Family

Aralia, Tournefort.

racemosa, Linn. Spikenard

nudicaulis, Linn. Wild Sassaaparilla N.

quinquefolia, Gray. (Panox, Linn.) Ginseng.

## Cornaceae

## The Dogwood Family

Cornus, Tournefort. Dogwood.



floridas, Linn. Flowering Dogwood

30.

sericea, Linn.

stolonifera, Michx. Red twigged Dogwood. S.

asperifolia, Michx.

paniculata, L'Hert.

Nyssa, Linnaeus.

multiflora, Wang. Tupelo. Sour Gum.

#### CAPRIFOLIACEAE

#### The Honeysuckle Family

Symphoricarpus, Dillenius Snowberry

racemosus, Michx.

vulgaris, Michx.

Lonicera, Linnaeus. Honeysuckle

flava, Sims, Yellow Honeysuckle

parviflora, Lam.

Diervilla, Tournefort. Bush Honeysuckle

trifida, Moench.

Troisteum, Linnaeus. Horse Gentian

perfoliatum, Linn.

angustifolium, Linn. S.

Sambucus, Tournefort. Elder

Canadensis, Linn.

Viburnum, Linnaeus.

prunifolium, Linn. Black Haw.

obovatum, Waltr. (V. laevigatum, Ait.) S.

opulus, Linn. High Cranberry. N.

#### RUBIACEAE

#### The Madder Family

Galium, Linnaeus

aparine, Linn. Goose-grass

asprellum, Michx.





trifidum, Linn.

pilosum, Ait.

circaezans, Michx.

Spermacoce, Linnaeus.

glabra, Michx. Button weed

Doidia, Linnaeus

Virginica, Linn

teres, Waltr.

Cephalanthus, Linnaeus.

occidentalis, Linn. Button-bush.

Oldenlandia, Plumier. (Houstonia & Hedyotis, Linn.)

purpurea, Gray

minima, Gray

coerulea, Gray. Bluets

Spigelia, Linnaeus

Marylandica, Linn. Pink-root

# COMPOSITAE. The Composite Family

Veronica, Schreber. Iron-weed

Noveboracensis, Willd

fasciculata, Michx.

Liatris, Schreber

squarrosa, Willd

cylindracea, Michx.

scariosa, Willd

spicata, Willd.

pynostachya, Michx.

Kuhnia, Linnaeus.

eupatorioides, Linn.

Eupatorium, Tournefort



*purpureum*, Linn.

*altissimum*, Linn.

*sessilifolium*, Linn.

*perfoliatum*, Linn.      Boneset

*serotinum*, Michx.

*ageratoides*, Linn.      White Snake-root

*aromaticum*, Linn.

*Conoclinium*, De Candolle.      Mist-Flower

*coelestinum*, De C.

*Aster*, Linnaeus.      Starwort.

*gracilis*, Nutt.

*sericeus*, Vent.

*concolor*, Linn.

*patens*, Ait.

*laevis*, Linn.

*turbinellus*, Lindley

*azureus*, Lindley

*Shortii*, Boott.

*undulatus*, Linn.

*cordifolius* Linn.

*sagittifolius*, Willd.

*ericoides*, Linn.

*multiflorus*, Ait.

*dumosus*, Linn.

*Tradescanti*, Linn.

*miser*, Linn.

*simplex*, Willd.

*tenuifolius*, Linn.

*carneus*, Nees



puniceus, Linn.

oblongifolius, Nutt.

Aster, Novae-Angliae, Linn. New England Aster.

anomalus, Englemann.

Erigeron, Linnaeus. Fleabane.

Canadense, Linn. Butter-weed

, divaricatum, Michx.

bellidifolium, Muhl.

Philadelphicum, Linn.

annuum, Persoon.

strigosum, Muhl.

Diplopappus, Cassini.

linariifolius, Hook.

umbellatus, Torr. and Gray

Boltonia, L'Hertier

asteroides, L'Her

glastifolia, L'Hert

Solidago, Linnaeus. Golden-rod

latifolia, Linn.

petiolaris, Ait. S.

speciosa, Nutt.

rigida, Linn

Ohioensis, Riddell

Riddellii, Frank

neglecta, Torr. and Gray

arguta, Ait.

, ulmifolia, Muhl

Drummondii, Torrey and Gray S.

nemoralis, Ait.



Missouriensis, Nutt.

radula, Nutt. S.

Canadensis, Linn

scrotina, Ait.

gigantea, Ait.

lanceolata, Linn.

tenuifolia, Pursh.

Grindelia, Willd.

squarrosa, Dunal. S.

Chrysopsis, Nuttall

Mariana, Nutt.

villosa, Nutt.

Inula, Linnaeus. Elecampane

helemum, Linn. Introduced

Pluchea, Cassina

foetida, De C.

Polymnia, Linnaeus.

Canadensis, Linn.

uvédalia, Linn. S.

Chrysogonum, Linnaeus.

Virginianum, Linn.

Silphium, Linnaeus.

laciniatum, Linn. Compass Plant.

terebinthinaceum, Linn. Prairie Dock

integrifolium, Michx.

Perfoliatum, Linn. Cup-plant

Parthenium, Linnaeus.

integrifolium, Linn.

Iva, Linnaeus.

ciliata, Willd.





Ambrosia, Tournefort. Rag-weed.

bidentata, Michx.

tridentata, Linn.

artemisiaefolia, Linn. Hog-wed

psilostachya, De C. (A. coronopifolia, T. and Gr.)

Xanthium, Tournefort. Cocklebur.

strumarium, Linn.

echinatum, Murr.

Eclipta, Linnaeus.

procumbens, Michx.

Heliopsis, Persoon. Ox-eye

laevis, Pers.

Echinacea, Moench.

purpurea, Moench.

Echinacea angustifolia, De C.

Rudbeckia, Linnaeus. Cone-flower

laciniata, Linn.

subtomentosa, Pursh

triloba, Linn.

speciosa, Wender

hirta, Linn

Lepachys, Rafinesque

pinnata, Torr. and Gray

Helianthus, Linnaeus. Sun-flower

angustifolius, Linn.

atrorubeus, Linn.

rigidus, Desf.

laetiflorus, Pers.

occidentalis, Riddell



*mollis*, Lam.

*microcephalus*, Torr. and Gray

*grosseserratus*, Martens

*tomentosus*, Michx.

*strumosus*, Linn.

*hirsutus*, Raff.

*tracheliifolius*, Willd

*doronicoides*, Lam. S.

*tuberosus*, Linn.      Artichoke.      Introduced

*Actinomeris*, Nuttall.

*squarrosa*, Nutt.

*helianthoides*, Nutt.

*Coreopsis*, Linnaeus,      Tick-seed

*discoidea*, Torr. and Gray

*trichosperma*, Michx.

*aristosa*, Michx.

*tripteris*, Linn

*senifolia*, Michx.

*palmata*, Nutt.

*auriculata*, Linn.

*lanceolata*, Linn.

*Bidens*, Linnaeus

*frondosa*, Linn.      Beggar-ticks

*connata*, Muhl.

*Bidens*, *chrysanthemoides*, Michx.

*Beckii*, Torr.

*bipinnata*, Linn.      Spanish Needles

*Verbesina*, Linnaeus

*Siegesbeckia*, Michx.



Virginica, Linn.

Dysodia, Cavanilles

chrysanthemoides, Lagasca

Hymenopappus, L'Hertier.

scabiosaeus, L'Her

Helenium, Linnaeus

autumnale, Linnaeus, Sneezeweed

Leptopoda, Nuttall

Brachypoda, Torr and Gray

Maruta, Cassini Mayweed

cotula, De C. Introduced

Achillea, Linnaeus

millefolium, Linn. Milfolil

Leucanthemum, Tournefort

vulgare, Lam. Ox-eye Daisy. Introduced

Matricaria, Tournefort

discoidea, De C. S. Introduced?

Artemisia, Linnaeus. Worm-wood

canadata, Michx.

Ludoviciana, Nutt.

biennis, Willd

Gnaphalium, Linnaeus. Cud-weed

polycephalum, Michx.

purpureum, Linn.

Antennaria, Gaertner. Everlasting

dioica, Gaertn

plantaginifolia, Hook

Erechthites, Rafinesque. Fire-weed

hieracifolia, Raf.





*Cacalia*, Linnaeus.

*suaveloens*, Linn.

*Cacalia*, *reniformis*, Muhl.

*atriplicifolia*, Linn.

*tuberosa*, Nutt.

*Senecio*, Linnaeus.      Groundsel

*lobatus*, Pers.      Butterweed

*aureus*, Linn.      Ragwort

*Cirsium*, Tournefort.      Thistle

*discolor*, Spreng

*altissimum*, Spreng

*Virginianum*, Michx

*muticum*, Michx.

*pumilum*, Spreng

*Lappa*, Tournefort

*major*, Gaert.      Burdock      Introduced

*Cynthia*, Don.

*Virginica*, Don.

*Hieracium*, Tournefort.      Hawk-weed

*scabrum*, Michx.

*longipilum*, Torr.

*Gronovii*, Linn.

*Nabalus*, Cassini.

*albus*, Hook

*virgatus*, De C.

*racemosus*, Hook

*asper*, Torr. and Gray.      (*Illinoensis*, Michx.)

*crepidineus*, De C.

*Troximon*, Nuttall



cuspidatum, Pursh

Taraxacum, Haller.

dens-leonis, Derf.      Dandelion.      Introduced

Lactuca, Tournefort.      Lettuce.

elongata, Muhl.

Ludoviciana, De C.

Mulgedium, Cassini

acuminatum, De C.

Floridanum, De C.

Sonchus, Linnaeus.      Sow-thistle

oleraceus, Linn.      Introduced

asper, Vill.      Introduced

#### LOBELIACEAE    The Lobelia Family

Lobelia, Linnaeus

cardinalis, Linn.      Cardinal-Flower

siphilitica, Linn.      Blue Lobelia

leptostachys, A. De C.

inflata, Linn.      Indiana Tobacco

spicata, Lam.

#### CAMPANULACEAE    The Bell Flower Family

Campanula, Tournefort.      Bell-flower

aparindides, Pursh

Americana, Linn.

Illinoensis, Fresen, (in De C.)

Specularia, Heist.

perfoliata, A. De C.

#### ERICACEAE      The Heath Family

Gaylussacia, Humboldt, Bonpland and Kunth.

resinosa, Torr and Gray      Black Huckleberry

Vaccinium, Linnaeus.

Pennsylvanica, Lam.      Blue Huckleberry



Uniflora, Linn. Indian Pipe

AQUIFOLIACEAE The Holly Tribe

Ilex, Linnaeus. Holly

decidua, Waltr.

verticillata, Gray. (Prinos verticillatos, Linn.)

EBENACEAE The Ebony Family

Diospyros, Linnaeus.

Virginiana, Linn. Persimmon

SAPOTACEAE. The Sapodilla Family

Bumelia, Swartz

lanuginosa, Pers.

PLANTAGINACEAE The Plantain Family

Plantago, Linnaeus Plantain

major, Linn. Introduced

cordata, Lam.

lanceolata, Linn. Ribbon Grass

aristata, Michx.

Virginica, Linn.

pusilla, Nutt. S.

PRIMULACEAE The Primrose Family

Androsace, Tournefort

occidentalis, Pursh

Dodecatheon, Linnaeus

Meadia, Linn. Shooting Star

Lysimachia, Linnaeus, Loosestrife

quadrifolia, Linn.

ciliata, Linn.

lanceolata, Waltr.

Centunculus, Linnaeus.

minimus, Linn. (C., lanceolatus, Michx.)



Samolus, Linnaeus.

valerandi, Linn. Var. Americana (S. floribundus, Kunth.)

#### LENTIBULACEAE Bladderwort Family

Utricularia, Linnaeus. Bladderwort

vulgaris, Linn.

minor, Linn.

#### BIGNONIACEAE The Bignonia Family

Bignonia, Tournefort

capreolata, Linn. S.

Tecoma, Jusseu

radicans, Juss. Trumpet Creeper, S.

Catalpa, Scopoli

bignonioides, Waltr. S. Introduced?

Martynia, Linnaeus. Unicorn Plant.

proboscidea, Glox.

#### OROBANCHACEAE The Broom-Rape Family

Phelipaea, Tournefort. Broom Rape

Ludoviciana, Don.

Aphyllon, Mitchell

uniflorum, Torr. and Gray.

#### SCROPHULARINACEAE The Fig Wort Family

Verbascum, Linnaeus, Mullein

thapsus, Linn. Introduced.

blattaria, Linn. Moth mullein. Introduced

Scrophularia, Tournefort. Fogwort

nodosa, Linn.

Collinsia, Nuttall

verna, Nutt.

Chelone, Tournefort

glabra, Linn. Snake-head





Pentastemon, Mitchell

pubescens, Solander

gracilis, Nutt.

laevigatum, Willd. S.

Mimulus, Linnaeus. Monkey-flower

ringens, Linn.

alatus, Ait.

Conobea, Aublet

multifida, Benth.

Herpestis, Gaertner

rotundifolia, Pursh

Gratiola, Linnaeus

Virginiana, Linn

Missouriana, Beck.

. anagalloidea, Michx.

Ilysanthes, Rafinesque

gratioloides, Benth.

Synthyris, Benth.

Houghtoniana, Benth

Veronica, Linnaeus. Speedwell

Virginica, Linn.

anagallis, Linn.

peregrina, Linn.

arvensis, Linn. Introduced

Buchneria, Linnaeus. Blue-hearts

Americana, Linn. S.

Seymeria, Pursh.

macrophylla, Nutt. S.

Gerardia, Linnaeus

purpurea, Linn

aspera, Dougl.



tenuifolia, Vahl.

flava, Linn.

quercifolia, Pursh

integrifolia, Gray

pedicularia, Linn

auriculata, Michx.

Castilleja, Mutis

coccinea, Spreng.      Painted Cup

Pedicularis, Tournefort.      Lousewort

Canadensis, Linn

lanceolata, Pursh

#### ACANTHACEAE      The Acanthus Family

Dianthera, Gronovius

Americana, Linn. (Justicia pedunculosa, Michx.)

Dipteracanthus, Nees

ciliatus, Nees

strepens, Nees

#### VERBENACEAE.      The Verbenaceae Family

Verbena, Linnaeus.      Vervain

angustifolia, Michx.

hastata, Linn.      Introduced

urticifolia, Linn.      Introduced

stricta, Vent

bracteosa, Michx.

aubletia, Linn.

Lippia, Linnaeus. (Zapana, Juss.)

lanceolata, Michx.

Phryma, Linnaeus.      Looseleaf

leptostachya, Linn.

#### LABIATAE      The Mint Family

Teucrium, Linnaeus.      Germander

Cordia



Canadense, Linn.

Trichostema, Linnaeus

dichotoma, Linn.

Isanthus, Michx.

coeruleus, Michx.

Mentha, Linnaeus. Mint.

vividis, Linn. Spearmint. Introduced

Canadensis, Linn. Wild Mint.

Lycopus, Linnaeus.

Virginicus, Linn. Bugle-weed

sinuatus, Ell.

Pycnanthemum, Michx.

pilosum, Nutt.

lanceolatum, Pursh

linifolium, Pursh

Satureia, Linnaeus. Savoy

hortensis, Linn. Summer Savoy Introduced

Melissa, Linnaeus

officinalis, Linn. Balm. Introduced

Hedeoma, Persoon.

pulegioides, Pers. Pennyroyal

hispida. Pursh. S.

Monarda, Linnaeus

fistulosa, Linn. Wild Bergamot

Bradburiana, Beck

punctata, Linn. Horse Mint.

Blephilia, Rafinesque

ciliata, Raf.

hirsuta, Benth.

Lopanthus, Benth

nepetoides, Benth





*scaphulariaefolius*, Benth.

*Nepeta*, Linnaeus.

*cataria*, Linn.      Catnip.      Introduced

*glechoma*, Benth.      Introduced

*Synandra*, Nuttall

*grandiflora*, Nutt.

*Physostegia*, Benth.

*Virginiana*, Benth.      Dragon-head

*Brunella*, Tournefort.      (*Prunella*, Linn.)

*vulgaris*, Linn.      Heal-all

*Scutellaria*, Linnaeus.      Scull-cap

*versicolor*, Nutt.

*canescens*, Nutt.

*serrata*, Andrews

*nervosa*, Pursh

*galericulata*, Linn.

*lateriflora*, Linn.

*Marbubrium*, Linnaeus.      Horehound

*vulgare*, Linn.      Introduced

*Stachys*, Linnaeus.

*aspera*, Michaux

*Leonurus*, Linnaeus.      Mother-wort

*cardiaca*, Linn.      Introduced.

#### BORAGINACEAE    The Borage Family

*Onosmodium*, Michaux.

*Virginianum*, De C.

*molle*, Michx.

*strigosum*, De C.

*Lithospermum*, Tournefort    Gromwell



arvense, Linn. Introduced

angustifolium, Michx.

lulifolium, Michx.

hirtum, Lehm.

canescens, Lehm. Puccoon

longiflorum, Spreng.

Mertesia, Roth. Lungwort

Virginica, De C. (Pulmonaria, Linn.)

Myosotis, Linnaeus.

verna, Nutt.

Echinospermum, Swartz. Stick-seed

lappula, Lehm.

Cynoglossum, Tournefort. Hound's Tongue

officinale, Linn. Introduced

Virginicum, Linn.

Morisoni, De C. Beggar's Lice S.

Heliophytum, De C.

Indicum, De C. S. Introduced

#### HYDROPHYLLACEAE The Water-Leaf Family

Hydrophyllum, Linnaeus. Water-leaf

Virginicum, Linn.

appendiculatum, Michx.

Ellissia, Linnaeus.

ambigua, Nutt.

nyctellea, Linn.

Phacelia, Jussien.

Purshii, Buckley. (P. fimbriata, Ph. not of Michx.) S.

#### POLEMONIACEAE The Polemonium Family

Polemonium, Tournefort



reptans. Linn.

Phlox, Linnaeus.

Acuminata, Pursh

glaberrima, Linn.

pilosa, Linn.

divaricata, Linn

bifida, Beck

#### CONVOLVULACEAE The Convolvulus Family

Ipomoea Linnaeus.

nil, Roch Introduced

lacunosa, Linn.

pandurata, Meyer. "Man of the Earth."

Calystegia, Robert Brown Bind-weed

sepium, R. Brown

spithamea, Pursh

Cuscuta, Tournefort Dodder. Love-vine

tenuiflora, Engelm. S.

umbrosa, Beyrich

arvensis, Beyrich S.

chlorocarpa, Engelm S.

Gronovii, Willd

compacta, Juss. S.

glomerata, Choisy. S.

#### SOLANACEAE The Night-Shade Family

Solanum, Linnaeus

dulcamara, Linn. Bittersweet Introduced

nigra, Linn. Night-shade Introduced

Carolinense, Linn. Horse Nettle S.

Physalis, Linnaeus. Ground Cherry





Philadelphica, Lam.

pubescens, Linn.

viscosa, Linn. (P. obscura, Michx.)

viscosa, Linn.

lanceolata, Michx.

Nicandra, Adanson. Apple of Peru

physaloides, Gaertn. Introduced

Datura, Linnaeus. Jamestown Weed

stramonium, Linn. Introduced

#### GENTIANACEAE The Gentian Family

Sabbatia, Adanson

angularis, Pursh

Frasera, Waltr. Columbo

Carolinensis, Waltr. S.

Gentiana, Linnaeus.

quinqueflora, Lam.

crinita, Froel. Fringed Gentian N.

ochroleuca, Froel

alba, Muhl. S.

Gentiana, Andrewsii, Griseb.

rubricaulis, Keating

Menyanthus, Tournefort

trifoleata, Linn. Buck Bean.

#### APOCYNACEAE The Dogbane Family

Amsonia, Waltr.

Tabernaemontana, Waltr. (A. latifolia, Michx.)

Apocynum, Tournefort. Dogbane

androsaemifolium, Linn.

cannabinum, Linn. Indian Hemp.





# ASCLEPIADACEAE    The Milkweed Family

Asclepias, Linnaeus.

cornuti, Decaisne.      Milkweed

Sullivantii, Engelm.    S.

purourascens, Linn.

variegata, Linn.

Nuttalliana, Torrey

Meadii, Torrey

quadifolia, Jacq

obtusifolia, Michx.

incarnata, Linn.

tuberosa, Linn.      Butterfly Weed

verticillata, Linn.

Acerates, Elliott

viridiflora, Ell

longifolia, Ell.

Enslenia, Nuttall.

albida, Nutt.

# OLEACEAE    The Olive Family

Fraxinus, Tournefort.    Ash

Americana, Linn.      White Ash

quadrangulata, Michx.      Blue Ash

Forestiera, Poiret

ligustrina, Poir.

# ARISTOLOCHIACEAE    The Birthwort Family

Asarum, Tournefort

Canadense, Linn.      Colt's Foot

Aristolochia, Tournefort.

serpentaria, Linn.      Virginia Snake Root.    S.



tomentosa, Sims. S.

NYCTAGINACEAE The Four O'Clock Family

Oxybaphus, Vahl.

nyctagineus, Sweet S.

PHYTOLACCACEAE The Pokeweed Family

Phylobacca, Tournefort

decandra, Linn. Poke-berry

CHENOPODIACEAE The Goosefoot Family

Cycloloma, Moquin

plataphylla, Moq. (Salsola platyphylla, Michx.)

Chenopodium, Linnaeus. Goosefoot

hybridum, Linn. Introduced.



muriale, Linn.      Introduced  
 album, Linn.      Pigweed-      Introduced  
 Ambrina, Spach.      Wormseed  
 botrys, Moq.      Jeruselem Oak      Introduced  
 ambrosoides, Spach.      Mexican Tea.      Introduced  
 anthelminticum, Spach.      Wormseed.      Introduced  
 Blitum, Tournefort  
 capitatum, Linn.      Indian Strawberry

#### AMARANTACEAE      The Amaranth Family

Amarantus, Tournefort  
     hybridus, Linn.      Introduced  
     retroflexus, Linn.      Introduced  
     spinosus, Linn.      Introduced  
     albus, Linn.      Introduced  
 Montelia, Moquin.  
     tamariscina, Gray. (Amarantus tamariscinus, Nutt.)  
 Acnida, Linn.      Water Hemp.  
     cannabina, Linn.  
 Froelichia, Moench.      (Oplotheca, Nutt.)  
     Floridana, Moquin.

#### POLYGONACEAE      The Buckwheat Family

Polygonum, Linnaeus.      Knotweed  
     amphibium, Linn.  
     lapathifolium, Linn.  
     Pennsylvanicum, Linn.  
 Persicaria, Linn.      Lady's Thumb.      Introduced  
 hydropiper, Linn.      Smartweed





acre, H. B. K. (*P. punctatum*, Ell.) Wild Smartweed  
 hydropiperoides, Michx.  
 aviculare, Linn. Knot-grass  
 erectum, Linn.  
 ramosissimum, Michx.  
 tenere, Michx.  
 Virginianum, Linn.  
 sagittatum, Linn.  
 dumetorum, Linn.

*Rumex*, Linnaeus. Dock.

verticillatus, Linn. Swamp Dock  
 altissimus, Wood. Tail Dock  
 hydrolapathum, Hudson. (*R. Aquaticus*, Smith.)  
 obtusifolius, Linn. Bitter Dock. Introduced  
 crispus, Linn. Curled Dock. Introduced  
 acetosellus, Linn. Sorrel.

#### LAURACEAE The Laurel Family

Sassafras, Nees, Sassafras  
 officinale, Nees. (*Laurus Sassafras*, Linn.)  
 Benzoin, Nees,  
 odoriferum, Nees. Spice-bush.

#### SANTALACEAE The Sandal-wood Family

Comandra, Nuttall.  
 umbellata, Nutt.

#### LORANTHACEAE The Mistletoe Family

Phoradendron, Nuttall  
 flavescens, Nutt. American Mistletoe. S.

#### SAURURACEAE The Lizard's Tail Family

Saururus, Linnaeus  
 cernuus, Linn. Lizard's Tail. S.



## CERATOPHYLLACEAE The Honewort Family

Ceratophyllum, Linnaeus

demersum, Linn.

## EUPHORBIACEAE The Spurge Family

Euphorbia, Linnaeus

Geyeri, Engelm

herniarioides, Nutt. S.

humsitrata, Engelm. S.

maculata, Linn.

hypericifolia, Linn.

dentata, Michx. S.

cyanthophora, Jacq. S.

corollata, Linn

obtusata, Pursh S.

Acalypha, Linnaeus

Virginica, Linn.

gracilens, Gray

Caroliniana, Waltr.

Croton, Linnaeus

capitatum, Michx.

glandulorum, Linn.

monanthogynum, Michx. (C. Ellipticum, Nutt.)

Crotonopsis, Michaux.

linearis, Michx.

Phyllanthus, Linnaeus.

Carolinensis, Waltr.

## URTICACEAE The Nettle Family

## 1. Ulmace The Elm Tribe

Ulmus, Linnaeus, Elm.

fulva, Michx. Slippery Elm.



Americana, Linn. Elm.

Celtis, Tournefort Hackberry

occidentalis, Linn.

crassifolia, Lam. S.

## 2. Atrocarpeae The Bread Fruit Tribe.

Morus, Tournefort

rubra, Linn. Red Mulberry S.

alba, Linn. White Mulberry Introduced

Borya, Willdenow

lingustrina Willd.

## 3. Urticeae The Nettle Tribe

Urtica, Tournefort Nettle

gracilis, Ait.

Laportea, Gaudich

Canadensis, Gaud. (Urtica Canadensis, Linn.)

Pilea, Lindley Richweed

pumila, Lindl.

Boehmeria, Jacq.

cylindrica, Willd. S.

Parietaria, Tournefort

Pennsylvanica, Muhl. Pillitory

## 4. Cannabineae The Hemp Tribe

Cannabis, Tournefort Hemp

sativa, Linn. Introduced

~~Humulus, Linnaeus. Hop.~~

Humulus, Linnaeus, Hop

lupulus, Linn.

## PLATANACEAE The Plane Tree Family

Platanus, Linn.

occidentalis, Linn. Sycamore



## JUGLANDACEAE      The Walnut Family

Juglans Linnaeus.      Walnut

cinerea, Linn.      Butternut

nigra, Linn.      Black Walnut

Carya, Nuttall.      Hickory

alba, Nutt.      Shag-bark Hickory

sulcata, Nutt.      Thick Shell-bark Hickory

olivaeformis, Nutt.      Pecan-nut S.

tomentosa, Nutt.      Mocker-nut

glabra, Torr.      Pig-nut hickory

amara, Nutt.      Bitter-nut hickory

## CUPULIFERAE      The Cup Bearing Family

Quercus, Linnaeus.      Oak

macrocarpa, Michx, Bur-oak

obtusiloba, Michx.      Post-oak

alba, Linn.      White-oak

montana, Willd.      Rock Chestnut-oak

bicolor, Willd      Swamp White Oak

castanea, Willd.      Chestnut-oak

imbricaria, Michx.      Laurel Oak

nigra, Linn.      Black-Jack Oak

Leana, Nutt.      Lea's Oak (probably a hybrid)

tinctoria, Bartram.      Black Oak

coccinea, Wang.      Scarlet Oak

rubra, Linn.      Red Oak

palustris, Du Roy.      Pin Oak

Fagus, Tournefort      Beech

ferruginea, Ait.

Corylus, Tournéfort      Hazelnut

Americana, Waltr.

Carpinus, Linnaeus.

Americana, Michx      Water Beech





Americana, Michx.      Water Beach.

Ostrya, Micheli

Virginica, Willd.      Iron-wood.

# BETULACEAE      The Birch Family

Betula, Tournefort

nigra, Linn.      Red birch

# SALICACEAE      The Willow Family

Salix, Tournefort      Willow

tristis, Ait. Gray Willow

humilis, Marshall. (S. Muhlenbergiana, Barratt.)

eriocephala, Michx.

sericea, Marshall. (S. Grisea, Willd.)

fluviatilis, Nutt. (Near S. longifolia, Muhl.)

Populus, Tournefort.      Poplar

tremuloides, Michx.      Aspen.

heterophylla, Linn.      Downy-leaved Poplar

angulata, Ait. Cotton-wood

candicans, Ait. Balm of Gilead

# CONIFERAE      The Cone-bearing Family

Thuja, Tournefort

occidentalis, Linn.      Arbor Vitae

Taxodium, Richard

distichum, Rich.      Cypress S.

Juniperus, Linn.

Virginiana, Linn.      Red Cedar

# ARACEAE      The Arum Family

Arisaema, Martius.      Indian Turnip

tryphyllum, Torr.      Indian Turnip

dracontium, Schott.      Dragon-root

Acorus, Linn.



calamus, Linn. Sweet Flag.

TYPHACEAE The Cat-Tail Family

Typha, Tournefort

latifolia, Linn. Cat-tail

Sparganium, Tournefort

ramosum, Hudson.

simplex, Hudson. (S. Americanum, Nutt.)

LEMNACEAE The Duckweed Family

Lemna, Linnaeus, Duckweed

trisulca, Linn

Lemna, minor, Linn.

polyrrhiza, Linn.

NAIADACEAE The Pondweed Family

Potamogeton, Tournefort

hybridus, Michx. S.

pusillus, Linn. (P. compressus, Smith.) S.

paniculatus, Pursh. (P. gramineus, Michx.)

lucens, Linn.

natans, Linn.

heterophyllus, Schreber

ALISMACEAE The Water-Plantain Family

Alisma, Linnaeus

plantago, Linn.

Echinodorus, Rich

parvulus, Engelm.

rostratus, Engelm. (Alisma rostrata, Nutt.)

radicans, Engelm. (Alisma radicans, Nutt.)

Sagittaria, Linnaeus. Arrow-head

variabilis, Engelm.



heterophylla, Pursh. S.

simplex, Pursh S.

# Hydrocharidaceae The Frog's Bit Family

Anacharis, Richard.

Canadensis, Planchou. (Udora Canadensis, Nutt.)

Valisneria, Micheli

spiralis, Linn. Ell-grass

# ORCHIDACEAE The Orchis Family

Orchis, Linnaeus.

spectabilis, Linn. Showy Orchis

Platanthera, Richard

bracteata, Torr.

leucophaea, Nutt.

psycodes, Gray

peramoena, Gray

Spiranthes, Richard. Ladies' Tresses

Gracilis, Bigelow

cernua, Richard

Pogonia, Jussieu

pendula, Lindl. (Triphora, Nutt.)

Calopogon, R. Brown

pulchellus, R. Brown

Microstylis, Nuttall.

ophioglossoides, Nutt. Adder's Tongue

Liparis, Richard

liliifolia, Richard.

Corallorhiza, Hailer. Coral-root

multiflora, Nutt.

Aplectrum, Nuttall.

hyemale, Nutt. Putty-root





Cypripedium, Linnaeus. Lady's Slipper  
 pubescens, Willd. Yellow Lady's Slipper  
 parviflorum, Salisb.  
 canadidum, Muhl. White Lady's Slipper  
 spectabile, Swartz. Moccasin Flower

#### AMARYLLIDACEAE The Amaryllis Family

Agave, Linnaeus. Aloe  
 Virginica, Linn. S.

Hypoxys, Linnaeus.  
 erecta, Linn. Star-grass

#### IRIDACEAE The Iris Family

Iris, Linnaeus  
 versicolor, Linn. Blue Flag

Sisyrinchium, Linnaeus  
 Bermudianum, Linn. Blue-eyed Grass

#### DIOSCOREACEAE The Yam Family

Dioscorea, Plumier  
 villosa, Linn. "China Root."

#### SMILACEAE The Smilax Family

Smilax, Tournefort Greenbriar  
 rotundifolia, Linn.  
 quadrangularis, Muhl.  
 herbacea, Linn.

Trillium, Linnaeus.  
 sessile, Linn.  
 recurvatum, Beck  
 cernuum, Linn.  
 erectum, Linn.  
 grandiflorum, Salisb.



## Liliaceae    The Lily Family

Asparagus, Linnaeus.

    officinalis, Linn.        Introduced

Polygonatum, Tournefort

    biflorum, E. l.        Solomon's Seal

Smilacina, Desfontaines

    racemosa, Desf.

    stellata, Desf.

Scilla, Linnaeus.

    Fraseri, Gray. (Phalangium, esculentum Nutt.)

Allium, Linn.        Garlic

    tricoccum, Ait. Leek

    cernuum, Roth.    Wild Onion

    stellatum, Nutt.

    Canadense, Kalm.

    striatum, Jacq. S.

Lilium, Linnaeus.    Lily

    Philadelphicum, Linn.    Wild Lily

    Canadense, Linn. Nooding Lily

Erythronium, Linnaeus.    Dog's tooth Violet

    Americanum, Smith

    albidum, Nutt.

## MELANTHACEAE.        The Colchicum Family

Uvularia, Linnaeus.

    Grandiflora, Smith

    perfoliata, Linn.

Melanthium, Gronovius

    Virginicum, Linn.

Veratrum, Tournefort

    Woodii, Robbins.



## JUNCACEAE The Rush Family

Luzula, De Candolle

campestris, De C.

Juncus, Linnaeus. Rush.

scirpoides, Lam.

acuminatus, Michx.

marginatus, Rostk

tenuis, Willd.

bufonius, Linn.

## PONTEDERIACEAE The Pickerel-weed Family

Pontederia, Linnaeus.

cordata, Linn. Pickerel-weed

Heteranthera, Ruiz. and Pav.

limosa, Vahl. (Leptanthus ovalis, Michx.)

Schollera, Schreber.

graminea, Willd.

## COMMELYNACEAE The Spiderwort Family

Commelyna, Dillenius, Day flower

erecta, Linn.

Virginica, Linn. (C. angustifolia, Michx.)

agraria, Kunth. S.

Tradescantia, Linnaeus. Spiderwort

Virginica, Linn.

pilosa, Lehm.

## CYPERACEAE The Sedge-Grass Family

Cyperus, Linnaeus.

flavescens, Linn.

diandrus, Torr.

erythrorhizos, Muhl.

Cyperus, Michauxianus, Schultes.

Engelmanni, Steud.



strigosus, Linn.

inflexus, Muhl.

acuminatus, Torr.

phymatodes, Muhl. (C. repens, Ell.)

Schweinitzii, Torr.

filiculmis, Vahl.

ovularis, Torr. S.

Kyllingia, Linnaeus

pumila, Michx. S.

Dulichium, Richard.

spathaceum, Per.

Hemicarpha, Nees.

subsquarrosa, Nees

Eleocharis, R. Brown

quadrangulata, R. Brown S.

obtusa, Schultes

palustris, R. Brown

tenuis, Schultes

compressa, Sullivant. S.

Acicularis, R. Brown.

Scirpus, Linnaeus.

pungens, Vahl.

lacustris, Linn.

debilis, Pursh

fluviatilis, Gray

atrovirens, Muhl.

polyphyllus, Vahl.

lineatus, Michx.

Eriophorum, Linnaeus. Cotton grass

polystachyon, Linn.





gracile, Koch

Fimbristylis, Vahl.

spadicea, Vahl.

laxa, Vahl.

autumnalis, Roem, and Schult.

capillaris, Gray.

Scleria, Linnaeus. Nut-rush.

triglomerata, Michx.

Carex, Linnaeus. Sedge-grass. Marsh. Hay.

polytrichoides, Muhl.

Willdenovii, Schk.

Steudelii, Kunth.

siccata, Dewey

Sartwellii, Dewey

intermedia, Goodenow

teretiuscula, Goodenow

decomposita, Muhl.

vulpinoidea, Michx.

crus-corvi, Shuttleworth

stipata, Muhl.

vulpina, Linn.

sparganoides, Muhl.

cephalcidea, Dewey

cephalophora, Muhl.

Muhlenbergii, Schk.

rosea, Schk

stellulata, Good

arida, Schw. and Torr

scoparia, Schk

lagopodioides, Schk.

festucacea, Schk.



mirabilis, Dewey

straminea, Schk

vulgaris, Fries.

aperta, Boott.

stricts, Lam.

aquatalis, Wahl.

crinita, Lam.

Buxbaumii, Wahl.

Shortiana, Dewey

Meadii, Dewey

tetanica, Schk

granularis, Muhl

conoidea, Schk

Illinoensis Dewey

grisea, Wahl.

Davissii, Schw, and Torr.

Carex, virescens Muhl.

triceps, Michx.

plantaginea, Lam.

anceps, Willd.

blanda, Dewey

oligocarpa, Schk.

umbellata, Schk

Pennsylvanica, Lam.

varia, Muhl.

Richardsonii. R. Brown

pubescens, Muhl.

lanuginosa, Michx.

lacustris, Willd.

trichocarpa, Muhl.



tentaculata, Muhl.  
 intumescens, Rudge.  
 Grayii, Caryey  
 lupulina, Muhl.  
 squarrosa, Linn.  
 mcnile, Tuckermann  
 ampullacea, Good  
 Tuckermanni Bott.  
 longirostris, Torr.

# GRAMINEAE      The Grass Family

## Leersia, Solander

oryzoides, Swartz.      Rice Grass  
 Virginica, Willd.      White Grass  
 lenticularis, Michx.      Fly catch Grass

## Zizania, Gronorius

aquatica, Linn.      Wild Rice.

## Alopecurus, Linnaeus, Fox-tail Grass

pratensis, Linn.      Meadow Fox-tail Grass      Introduced  
 geniculatus, Linn.      Floating Fox Tail Grass      Introduced  
 aristulatus, Michx.      Water Fox-tail Grass

## Phleum, Linnaeus.      Cat's tail Grass

pratense, Linn.      Timothy.      Introduced

## Vilfa, Adanson, Rush.      Grass

aspera, Beauv. (Agrostis aspera, Michx.)  
 vaginaeflora, Torr.

## Scorobolus, Robert Brown.

heterolepis, Gray.  
 cryptanotus, Gray

## Agrostis, Linnaeus.      Bent-grass.





scabra, Willd. Hair-grass.

vulgaris, With. Red-top.

alba, Linn. White-top.

*Cinna*, Linnaeus.

arundinacea, Linn.

*Muhlenbergia*, Schreber.

sobolifera, Gray.

glomerata, Trin.

Mexicana, Trin.

sylvatica, Torr and Gray.

Willdenovii, Trin.

diffusa, Schreb. Nimble Will.

*Brachyelytrum*, Beauvois.

aristatum, Beauv. (*Muhlenbergia erecta*, Schreb.)

*Calamagrostis*, Adanson.

Canadensis, Beauv. Blue-joint Grass.

coarctata, Torr. and Gray.

*Oryzopsis*, Michaux. Mountain Rice.

Canadensis, Torr. (*Stipa juncea*, Michx.)

*Stipa*, Linnaeus. Feather Grass.

avenacea, Linn. Black Oat-grass.

spartea, Trin. (not Hook.) Porcupine Grass.

*Aristida*, Linnaeus.

dichotoma, Michx. Poverty-grass.

ramosissima, Engelman.

gracilis, Ell.

stricta, Michx.

purpurascens, Poir.

Geyeriana, Steud.

oligantha, Michx.



tuberculosa, Nutt.

Spartina, Schreber. Cord-grass.

cynosuroides, Willd.

Chondrosium, Desvaux.

hirtum, H.B.K. (Atheropogon papillosus, Englm.)

Atheropogon, Muhlenberg.

apludoides, Muhl. (Bouteloua racemosa, Lagasca.)

Dactyloctenium, Willdenow.

Aegypticum, Willd. Introduced.

Eleusine, Gaertner.

Indica, Gaertn. Wire-grass. Introduced

Leptochloa, Beauvois

mucronata, Kunth.

fascicularis, Gray

Tricuspis, Beauvois

seslerioides, Torr. Tail Red-top

Diarrhena, Rafinesque

Americana, Beauv. (Festuca diandra, Michx.)

Dactylis, Linnaeus.

glomerata, Linn. Orchard Grass. Introduced

Koeleria, Persoon.

cristata, Pers.

Eatonia, Rafinesque (Reboullea, Kunth.)

obtusata, Gray

Pennsylvanica, Gray

Melica, Linnaeus, Melic-grass

mutica, Waltr. (M. speciosa, Muhl.)

Glyceria, R. Brown. Manna Grass.

Canadensis, Trin. Rattlesnake Grass

nervata, Trin.

fluitans, R. Brown.



*Poa*, Linnaeus. Meadow Grass

*annua*, Linn. Low Spear Grass

*brevifolia*, Muhl. (*P. pungens*, Nutt.)

*sylvestris*, Gray.

*nemoralis*, Linn.

*pratensis*, Linn. Spear Grass--Kentucky Blue Grass

*compressa*, Linn. English Blue Grass Introduced

*Eragrostis*, Beauvois

*reptans*, Nees. (*Poa reptans*, Michx.)

*megastachya*, Link. Introduced

*pilosa*, Beauv.

*Frankii*, Meyer. (*E. erythrogona*, Nees.)

*tenuis*, Gray. (*Po tenuis*, Ell. *P. capillaris*, Michx.)

*pectinacea*, Gray. (*P. hirsuta*.)

*spectabilis*, Gray.

*Festuca*, Linnaeus. Fescue-grass

*tenella*, Willd.

*nutans*, Willd.

*Bromus*, Linnaeus. Brome-grass

*secalinus*, Linn. Chess. Introduced

*Kalmii*, Gray. Wild Chess

*ciliatus*, Linn.

*Uniola*, Linnaeus.

*latifolia*, Michx.

*Phragmites*, Trinnius

*communis*, Trin. Reed

*Arundinaria*, Michaux.

*macrosperma*, Michx. Cane. S.

*Lepturus*, Robert Brown.

*paniculatus*, Nutt.

*Hordeum*, Linnaeus. Barley



jubatum, Linn. Squirrel Tail Grass

pusillum, Nutt.

Elymus, Linnaeus. Lyme-grass.

Virginicus, Linn.

Canadensis, Linn.

striatus, Willd.

villosus, Muhl.

propinquus, Fresen.

Gymnostichum, Schreber. Bottle-brush Grass

hystrix, Schreb.

Danthonia, De Candolle.

spicata, Beauv.

Trisetum, Persoon

palustre. Torr.

Phalaris, Linnaeus. Canary Grass

arundinacea, Linn.

Paspalum, Linnaeus

fluitans, Kunth. S.

setaceum, Michx. S.

laeve, Michx.

Panicum, Linnaeus. Panic-grass

filiforme, Linn.

glabrum, Gaudin. Introduced

sanguinale, Linn. Crab-grass. Introduced

agrostoides, Spreng.

proliferum, Lam.

capillare, Linn.

autumnale, Bosc.

virgatum, Linn.

latifolium, Linn.





clandestinum, Linn.

microscarpon, Muhl.

xanthophysum, Gray

dichotomum, Linn.

depauperatum, Muhl.

crus-galli, Linn.      Bary-yard Grass.      Introduced

hispidum, Muhl.

scoparium, Michx.

Setaria, Beauvois

glauca, Beauv.      Introduced

Cenchrus, Linnaeus.      Bur-grass

tribuloides, Linn.

Tripsacum, Linnaeus

dactyloides, Linn.      Gama Grass

Erianthus, Michaux

alopecuroides, Ell.

Andropogon, Linnaeus.      Beard-grass

furcatus, Muhl.

scoparius, Michx.

Virginicus, Linn.

Sorghum, Persoon.

nutans, Gray.

#### EQUISETACEAE      The Horsetail Family

Equisetum, Linnaeus.      Horsetail

arvense, Linn.

laevigatum, Braun.

robustum, Braun.      S.

hyemale, Linn.      Scouring Rush.

#### FELICES.      The Ferns

Polypodium, Linnaeus



hexagonopterum, Michx.

dryopteris, Linn.

incanum, Willd.

~~Allosorus~~ Allosorus, Bernhardt.      Rock-brake

atropurpurens, Gray

Pteris, Linnaeus, Brake

aquilina, Linn.

Adiantum, Linn.      Maidenhair

pedatum, Linn.

Cheilanthes, Swartz.      Lip Fern

vestita, Willd

Complosorus, Link

rhizophyllus, Link,      Walking leaf

Asplenium, Linnaeus

trichomanes, Linn.

thelypteroides, Michx.

filix-foemina, R. B.

Dicksonia, L'Hertier

punctilobula, Hook

Cystopteris, Bernhardt

fragilis, Bernh.

Aspidium, Swartz.

acrostichoides, Swartz

Onoclea, Linnaeus.

sensibilis, Linn.      Sensitive Fern.

Osmunda, Linnaeus

spectabilis, Willd

Claytoniana, Linn.

Botrychium, Swartz.

lunarioides, Swartz.      Moonwort

Virginicum, Swartz.



## HYDROPEROIDES      The Water-Ferns

Azolla, Lamarck

Caroliniana, Willd.

